



Savitribai Phule Pune University
Annual Report Information 2022-2023
Planning and Development



AR2306369

College Details

1. Name Of the Department/College/Institute	: Anekant Education Society Tuljaram Chaturchand College Addr: Baramati Ta: Baramati Dist: Pune	2. Address Of the Department/College/Institute	: Baramati Ta: Baramati Dist: Pune Pincode: 413102
3. Name Of the Head/Principal/Director	: Avinash Shirangrao Jagtap	4. Tele (O/R) With STD Code/Mobile No., Fax No, Email Address and Website Address	: Tele.- 02112-222405 Email- principal.tccollege@gmail.com URL- www.tccollege.org

5. Reference Books/Monographs Published by Teacher (2022-2023) :

Sr. No.	Name of the Teacher(s)/Author	Title of the Reference Books/Monographs	Name and Place of Publisher(s)	Date of Publication	Isbn/Issn No.
1	Shinde Vijaykumar Balbhim	well being of school teachers	lulu publication	2023	978-1-387-30015-0 /
2	Gadekar Sachin Namdeo	Between Cultural Memory and Post Colonialism A Study of African and South Asian Novels	Ekpyrosis Press	2022	979-8-9855926-0-3 /
3	Chordiya Sandip Popatlal	TECHNIQUES IN BIOLOGY	PRASHANT PUBLICATIONS	2022	978-93-92425-29-5 /
4	CHORDIYA SANDIP POPATLAL	ZOOLOGY PRACTICAL (PAPER-I & II)	PRASHANT PUBLICATIONS	2022	978-93-92425-45-5 /
5	CHORDIYA SANDIP POPATLAL	ZOOLOGY PRACTICAL (PAPER-II & III)	PRASHANT PUBLICATIONS	2022	978-93-92425-53-0 / NA
6	Chordiya Sandip Popatlal	PEST MANAGEMENT	VISION PUBLICATIONS, PUNE	2022	978-93-90646-05-0 / NA
7	Naik Seema Arvind	Rayatecha Paus	Snehavardhan Publications	2022	978-93-9103-3-27-9 /
8	Tarade Rajkumar Dadarao	Mi Swapnancha Saudagar	vishwash sutar	2023	978-81-955262-8-4 /
9	Nale Vitthal Baban	TYBSc- Zoology Practical(Paper II & III)	Prashant Publication	2022	978-93-92425-53-0 /
10	Dr. Nale Vitthal Baban, Dr. Pokale Sandip, Dr. Jamadar Rasul, Mr. Chordiya Sandip, Dr. Girimkar Sharad	TYBSc- Zoology Practical(Paper I & II)	Prashant Publication	2022	978-93-92425-45-5 /
11	Nale Vitthal Baban	TYBSc- Techniques in Biology	Prashant Publication	2022	978-93-92425-29-5 /
12	Jadhav Shaila Shivaji	Mathematics using Maxima Software	vision publication	2023	978-93-90646-71-5 /
13	Ambhere Mukta Rajendra	Shodh Astitvacha	Paris Publication Sasvad, Pune.	2022	978-93-91782-82-5 / --



AR2306369

Savitribai Phule Pune University
Annual Report Information 2022-2023
Planning and Development

14	Lashkar Vinayak Subhash	Introduction to Human Rights and Social Justice	Nirali Publication	2022	939059612-2 / 0
15	Lashkar Vinayak Subhahs,Gagangras Jyoti ,Yewale Sudhir ,Gaikwad Vikramaditya	Manavi Hakka Aani Samajik Nyayacha Parichay	Nirali Publication	2022	939059612-2 / 0
16	Lashkar Vinayak Subhahs,Chavan Nitin Rajaram	Vastunishtha Samajshastra	Nirali Publication	2022	0 / 0
17	Gadekar Sachin Namdeo	Cultural Divisions and Historical Signposts: A Study of Bapsi Sidhwa's Novel The Pakistani Bride	K. K. Publications	2023	978-93-92003-37-0 / 978-93-92003-37-0
18	Kulkarni Sachin Babasaheb	Chapter 6: Silk Fibroin-Based Systems for Conversion and Storage of Energy	Nova Science Publishers	2023	979-8-88697-402-7 / -
19	Pingale Pandurang Chilur	Silk Fibroin-Based Systems for Conversion and Storage of Energy	Nova Science Publishers	2023	979-8-88697-402-7 / 979-8-88697-402-7
20	Jadhav Gautam Shahuraje	Commercialization of Sports	Red'shine Publication INC	2022	978-91-987980-2-9 / -
21	Ambhere Mukta Rajendra	Sahitya Parampra Ani Samaj	Aadhar Publication	2023	978-93-95494-20-5 / ---
22	Gadekar Sachin Namdeo	Annie Zaidi's Play Name, Place, Animal, Thing: A Study of Atrocities Against Marginalized in Metropolis	Notion Press	2023	979-8890024008 / 00
23	Gadekar Sachin Namdeo	Annie Zaidi's Name, Place, Animal, Thing: A Study of Gender Dichotomy and Women's Status in Society	Rachayita	2022	978-93-82549-93-2 / 978-93-82549-93-2
6.	No.of Conference, Symposia, Seminars,Workshops etc. Organized (2022-2023)				
Sr. No.	No. of State Level	No. of National Level	No. of International Level		
1	3	2	1		



Savitribai Phule Pune University
Annual Report Information 2022-2023
Planning and Development



AR2306369

7. Research Publications in National and International Journals/Edited Books/Proceedings (2022-2023)						
Sr. No.	Name of the Teacher's/Author	Title of the Paper	Name of the Journal/Proceeding/Edited Book	Volume & Pages	Year of Publication	ISBN/ISSN No.
1	Kalange Ashok Eknath	Response of Cardiac Pulse Parameters in Humans at Various Inclinations Using 360° Rotating Platform: from Simulated Microgravity Perspective	npj Microgravity	FREE PREPRINT & 21	2022	NA / 23738065
2	Kalange Ashok Eknath	Synthesis and Characterization of WO ₃ thin films deposited by Thermal Evaporation Technique	Int. Res. Journal of Science & Engineering.	SPECIAL ISSUE & 5	2023	NA / 2322-0015
3	Kalange Ashok Eknath	Functionalized Superparamagnetic Iron Oxide Nanoparticles for Magnetic Fluid Hyperthermia Application in Cancer Treatment	Int. Res. Journal of Science & Engineering.	SPECIAL ISSUE & 7	2023	NA / 2322-0015
4	Kalange Ashok Eknath	Synthesis, Structural and Magnetic Properties of Cobalt Ferrite (CoFe ₂ O ₄) Nanoparticles by Simple Co-precipitation Technique	Int. Res. Journal of Science & Engineering.	SPECIAL ISSUE & 4	2023	NA / 2322-0015
5	Kalange Ashok Eknath	Effect of Annealing on Structural and Morphological Properties of Bismuth Ferrite (BiFeO ₃) Nanoparticles	Int. Res. Journal of Science & Engineering.	SPECIAL ISSUE & 6	2023	NA / 2322-0015
6	shinde vijaykumar balbhim	meta cognitive skills social and emotional maturity among adolescence	sanhodhak	13 & 76	2022	nil / 2394-5990
7	Kale Sanjay Rangnath	Synthesis, UV-Visible and ADME study of transition metal complexes of 8-Hydroxyquinoline	Journal of Research in Chemistry	3 & 5	2022	- / 2709-9415



AR2306369

Savitribai Phule Pune University
Annual Report Information 2022-2023
Planning and Development

8	Gadekar Sachin Namdeo	Techno-Commercialism and Loss of Humanity: An Apocalyptic Vision of the Cannibalistic Future in Manjula Padmanabhan's Play Harvest	Gitanjali and Beyond, Special Issue: Precarious Lives, Uncertain Futures	8 & 18	2023	2399-8733 / 2399-8733
9	Patil Vaishali Vilas	Water Quality Analysis of NIRA River	JETIR	9 & 4	2022	NA / 2349-5162
10	Gajbhiye Milind Hemraj	Lactic acid bacteria in the management of oily spot disease of pomegranate	Current Microbiology	80 & 19	2023	0 / 0
11	Gajbhiye Milind Hemraj	Morpho-molecular identification, characterization and management of Phythium catenulatum, the causative agent of root rot in Phaseolus vulgaris (common bean)	Journal of Phytopathology	0 & 18	2023	0 / 0
12	Torane Sauraj Natha	Studies on medicinal plant from tehsil Mangalwedha district Solapur, Maharashtra, India	International Journal of Multidisciplinary Research and Development	9 & 7	2022	--- / ISSN: 2349-4182, Print ISSN: 2349-5979
13	Khamgal Sunil Kashinath	Maharashtra's Vikasat Marathi Bhasheche Yogadan	75th YEARS OF INDIAN INDEPENDENCE STATUS & GOALS	- & 3	2022	- / 2278-9308
14	Bale Vivek Anil	Regional Language Education and Aatma Nirbhar Bharat Mission: A Study of Language Curriculum and Pedagogy in Schools and Colleges	AAYUSHI INTERNATIONAL INTERDISCIPLINARY RESEARCH JOURNAL	April 2023 & 112	2023	NA / 2349 638x
15	Bale Vivek Anil	FROM STARTUPS TO SCALE-UPS: THE GROWTH OF SUSTAINABLE FINTECH VENTURES	INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR.ORG)	Volume 10 & 5	2023	NA / E 2348-1269
16	Bale Vivek Anil	NAVIGATING THE COMPLEXITIES OF MODERN COMMERCE: A DEEP DIVE INTO CURRENT CHALLENGES	Juni Khyat	Vol-13 & 5	2023	NA / 2278-4632



Savitribai Phule Pune University
Annual Report Information 2022-2023
Planning and Development



AR2306369

17	Tardalkar Sandeep Sambhaji	Pandita Ramabaincha Christian Dharmangikar ani Vruttapatriya tikke che aavhan	Genius	XI & 5	2023	- / 2279-0489
18	Tardalkar Sandeep Sambhaji	Yashwantrao Chavhan Yanche shaikshanik vichar ani karya	Tifan	- & 5	2023	- / 2231-573X
19	Tardalkar Sandeep Sambhaji	Yashwantrao Chavhan yanche shprushata vishayak vichar va karya	Tifan	- & 4	2023	- / 2231-573X
20	Kulkarni Sachin Babasaheb	Binder free cobalt iron phosphate thin films as efficient electrocatalysts for overall water splitting	Journal of Colloid and Interface Science	613 & 720	2022	NA / NA
21	JADHAV GAUTAM SHAHURAJE	?????? ?????????? (khelanche vyaparikaran)	International Journal Of Advance and Applied Research	2 & 3	2022	- / 2347-7075
22	Jadhav Shatla Shivaji	An Application of the Double Elzaki Transform in Partial Differential Equations	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2 & 6	2022	2581-9429 / 2581-9429
23	Fulari Prakash Bapurao	Study of multi criteria decision making using hierarchical fuzzy set theory	Genius	X & 6	2022	- / 2279-0489
24	Dhane Neeta Kishor	Water Quality Analysis Of Nira River	JETIR	9 & 5	2022	NA / 2349-5162
25	Pingale Pandurang Chilu	Facile synthesis of indium doped CdSe thin films: microstructural and optoelectronic characteristics	Journal of Materials Science: Materials in Electronics	34 & 13	2023	0957-4522 / 0957-4522
26	Kardile Vilas Vasantrao	UNDERSTANDING THE DATA SCIENCE DOMAIN WITH ITS COMPONENTS AND DATA SOURCES	International Journal of Multidisciplinary Educational Research	VOLUME:11,, November: 2022 & 4	2022	0 / ISSN:2277-7881
27	Dhawale Ajay Arun	Bama's Karakku: A Chronicle of Dalit Life and Struggle	Langlit	8 & 3	2022	NA / 2349-5189
28	Dhawale Ajay Arun	Challenging Casteism Through Dalit Literature: A Path Towards Social Change	Langlit	9 & 3	2022	NA / 2349-5189



AR2306369

Savitribai Phule Pune University
Annual Report Information 2022-2023
Planning and Development

29	Dhawale Ajay Arun	Dalit Assertion through Resistance: A Study of Fandry, an Indian Dalit Cinema	Langlit	9 & 4	2022	NA / 2349-5189
30	Kale Sanjay Rangnath	Photoluminescence and Structural Study of Tb ³⁺ -doped Y ₂ O ₃ Nanophosphor prepared by Homogenous Coprecipitation Method	International Journal of Innovative Research in Technology (IJIRT)	9 & 4	2022	- / 2349-6002
31	Kale Sanjay Rangnath	Estimation of particle size and microstrain in Eu doped Yttrium oxide nanoparticle synthesized by homogenous coprecipitation method	Journal of Emerging Technologies and Innovative Research (JETIR)	9 & 5	2022	- / 2349-5162
32	Kale Sanjay Rangnath	Synthesis, Characterization and Antimicrobial study of Metal Complexes with N, N-Dimethylformamide	International Journal of Research and Analytical Reviews (IJRAR)	9 & 8	2022	- / 2349-5138
33	Jawale Pratibha Anandrao	Hindi Natko Me Deshbhakti se Prerit Nari	National Conference on Woman Today as Savitri Reborn	3	2022	978-93-5626-914-5 /
34	Kulkarni Sachin Babasaheb	Modified Structural, Optical and Electrochemical Properties of Nickel Sulphide for Superior Supercapacitor Electrode	"Recent Trends in Materials Science, Synthesis, Characterization and Applications (RTMS-2023)"	10	2023	- / 2322-0015
35	Pingale Pandurang Chilur	Effect of thermal treatment of the SnO ₂ thin film prepared by spray pyrolysis method	AIP Conference Proceedings	7	2023	978-0-7354-1864-6 / 1551-7616

8. Research Projects/Schemes Undertaken by Teachers (2022-2023)

Sr. No.	Name of the Investigator(s)	Faculty	Title of the Research Project/Scheme	Name of the Funding Agency	Duration of the Project/Scheme	Amount Sanctioned (Rs.)	Major/Minor
NA	NA	NA	NA	NA	NA	NA	NA



Savitribai Phule Pune University
Annual Report Information 2022-2023
Planning and Development



AR2306369

9. Teachers Attended Conferences, Seminars, Symposia, Workshops etc. (2022-2023)					
Sr. No.	No. of Teachers Attended State Level	No. of Teachers Attended National Level	No. of Teachers Attended International Level		
1	3	7	5		

10. No. of Collaboration with International Institute/Colleges/University Department during the Year (2022-2023)				
Sr. No.	MoU	Exchange Program	Exchange of Teachers	Franchise
1	NA	NA	NA	NA

11. Grants Sanction for Funding Agency (2022-2023)					
Sr. No.	UGC	DST/DBT/B.Voc.	CE/CPE	S.P. Pune University	Any Other
1	0	2	0	7	1



Savitribai Phule Pune University
Annual Report Information 2022-2023
Planning and Development



AR2306369

12. Faculty Wise Enrollment Of Students (2022-2023)														
Faculty	Sex	Open	Sc	ST	DT(A)	NT	NT(B)	NT(C)	NT(D)	OBC	SBC	Physically Challenged	Total	
Arts	FEMALE	81	62	2	13	0	2	34	3	42	1	0	240	
	MALE	88	117	3	19	0	5	84	8	76	5	0	405	
		0	1	0	0	0	0	1	0	1	0	1	4	
Commerce	FEMALE	156	47	1	9	0	2	48	0	82	11	0	356	
	MALE	169	74	1	9	0	6	76	0	112	10	0	457	
		0	0	0	0	0	0	1	0	0	0	1	2	
Mental,Moral and Social Sciences	FEMALE	8	4	0	0	0	0	11	0	4	1	0	28	
	MALE	1	2	1	0	0	0	3	0	1	0	0	8	
		0	1	0	0	0	0	0	0	0	0	1	2	
Science	FEMALE	157	51	2	16	0	1	82	0	85	5	0	399	
	MALE	186	57	1	15	0	0	79	0	94	5	0	437	
	TOTAL	846	416	11	81	0	16	419	11	497	38	3	2338	



Savitribai Phule Pune University
Annual Report Information 2022-2023
Planning and Development



AR2306369

13. Statistical Information about Teacher for Academic Year (2022-2023)

Sr.No.	Category	Granted			Non Granted		
		Male	Female	Total	Male	Female	Total
1	DT(A)	2	0	2	0	0	0
Date :	NT(B)	1	0	1	0	0	0
Place :	NT(C)	6	2	8	0	0	0
4	NT(D)	1	0	1	0	0	0
5	OBC	10	3	13	0	0	0
6	OPEN	41	14	55	0	0	0
7	SBC	1	0	1	0	0	0
8	SC	17	4	21	0	0	0
9	ST	3	1	4	0	0	0
	Total	82	24	106	0	0	0

Signature
HOD/Principal/Director




Principal
Tuljaram Chaturchand College
Baramati